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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,477	11/30/2000	Hiroaki Ishizuka	197788US28	1681

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OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
1940 DUKE STREET  
ALEXANDRIA, VA 22314

EXAMINER

EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 07/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/725,477

Applicant(s)

ISHIZUKA, HIROAKI

Examiner

Saeid Ebrahimi-dehKordy

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 November 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 and 9 are rejected under 35 U.S.C. 102(e) as being anticipated by Williams (U.S. patent 6,241,673)

Regarding claim 1 and 9, Williams discloses: A method of printing information comprising the steps of: transmitting information to be printed from a computing device (110) over a wireless Connection (please note Fig.1 column 2 lines 15-29) receiving by a wide area network the information to be printed which was transmitted over the wireless connection (please note Fig.2 column 3 lines 38-49 as the information is received by the network Hub 210 or Fig.2), forwarding the information to be printed over the wide area network to a printer (please note the printer 260 in Fig.2 where the information received over the wireless network is transferred for printing) and printing the forwarded information using the printer (please note column 4 lines 33-37).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2-8 and 10-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Williams (U.S. Patent 6,241,673) in view of Browning (U.S. patent 6,707,581)

Regarding claim 2 and 10, Williams does not disclose: The method according to claim 1, further comprising the step of generating the information to be printed prior to transmission thereof. On the other hand Browning discloses: generating information to be printed prior to transmission thereof (please note column 3 lines 30-35 where the character string is stored in the Ram 18 for subsequent use or retrieval).

It would have been obvious to a person of ordinary skill in art at the time of the invention to modify Williams's invention according to the teaching of Browning, where Browning is also involves wireless communication between data processing equipment and teaches the way the communication data is stored in the memory of a device before transmission through the wireless network to the Wan for the purpose of allowing subsequent use or retrieval of the data as this avoids time and inconvenience of having re-generate and store data.

Regarding claim 3 and 11, Browning disclose: The method according to claim 2, wherein the wide area network is the Internet and the generating step comprises the

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step of: browsing the Internet for the information to be printed (please note column 5 lines 21-43).

It would have been obvious to a person of ordinary skill in art at the time of the invention to modify Williams's invention according to the teaching of Browning, where Browning is also involve wireless communication between data processing equipment and teaches the way the communication data is collected and pulled through the internet and send to for printing through the wireless network to make this is would let the clients more convenience to sent data over the wireless communication to the printer.

Regarding claim 4 and 12, Browning discloses: The method according to claim 3, wherein the browsing step comprises the step of shopping on the Internet (please note column 6 lines 6-24).

It would have been obvious to a person of ordinary skill in art at the time of the invention to modify Williams's invention according to the teaching of Browning, where Browning is also involve wireless communication between data processing equipment and teaches the way the communication data and advertisement like bar codes are collected and pulled through the internet and send to for printing through the wireless network to make this is would let the clients more convenience to sent data over the wireless communication to the printer.

Regarding claim 5 and 13, Browning discloses: The method according to claim 2, wherein the generating step comprises the step of generating the information to be printed using an e-mail program (please note column 2 lines 1-19).

It would have been obvious to a person of ordinary skill in art at the time of the invention to modify Williams's invention according to the teaching of Browning, where Browning is also involve wireless communication between data processing equipment and teaches the way the communication data and advertisement like bar codes created through the email are pulled through the internet and send to for printing through the wireless network to make this is would let the clients more convenience to sent data over the wireless communication to the printer.

Regarding claim 6 and 14, Williams discloses: The method according to claim 1, wherein the forwarding step includes the step of controlling the printing using the Internet printing protocol (IPP) (please note column 3 lines 38-58).

Regarding claim 7 and 15, Browning discloses: The method according to claim 1, wherein a wireless mobile device is configured to transmit the information and the transmitting step includes the step of transmitting the information to be printed in response to a single user command (please note column 3 lines 25-47 and column 4 lines 63-67 and column 5 lines 1-19).

It would have been obvious to a person of ordinary skill in art at the time of the invention to modify Williams's invention according to the teaching of Browning, where Browning is also involve wireless communication between data processing equipment and teaches the way the communication data and advertisement like bar codes are collected and pulled through the internet and send to for printing through the wireless network to make this is would let the clients more convenience to sent data over the wireless communication to the printer.

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Regarding claim 8 and 16, Williams discloses: The method according to claim 1, wherein the transmitting step comprises the step of selecting the printer connected to the WAN in which to print to (please note column 3 lines 37-58).

**Contact Information**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (703) 306-3487.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (703) 305-4863.

**Any response to this action should be mailed to:**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Or faxed to:**

(703) 872-9306, or (703) 308-9052 (for **formal** communications; please mark  
"EXPEDITED PROCEDURE")

**Or:**

(703) 306-5406 (for **informal** or **draft** communications, please label  
"PROPOSED" or "DRAFT")

**Hand delivered responses** should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.


*Saeid Ebrahimi-Dehkordy*

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*Patent Examiner*  
*Group Art Unit 2626*  
*June 18 2004*

  
SCOTT ROGERS  
PRIMARY EXAMINER